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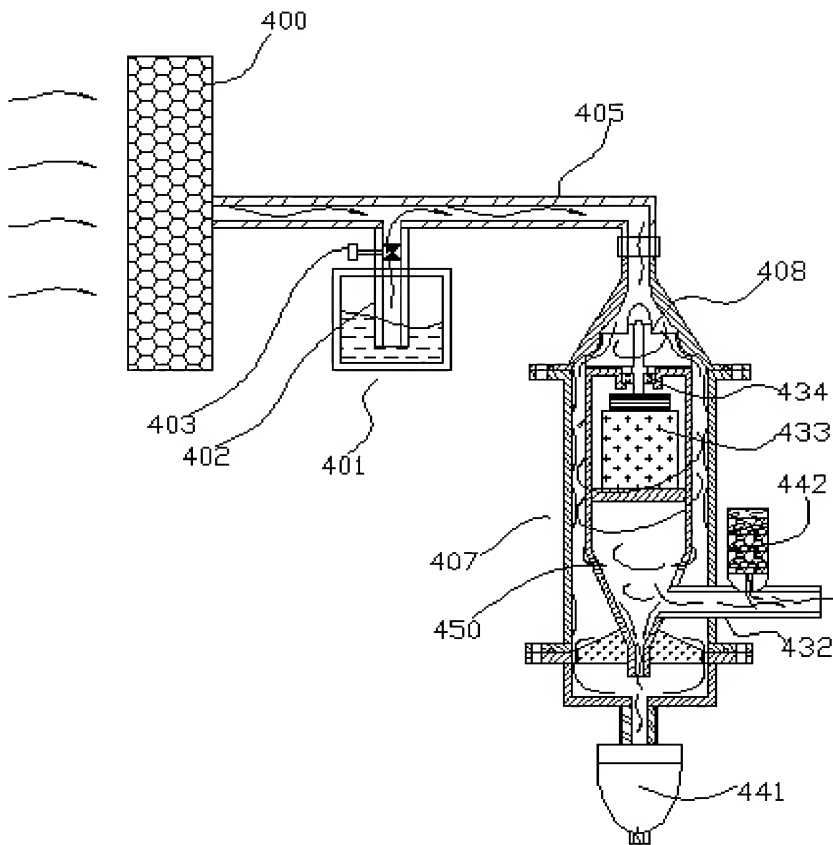
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(54) Title: WET TYPE PURIFICATION APPARATUS UTILIZING A CENTRIFUGAL IMPELLER



(57) Abstract: This invention relates to a wet type air cleaner utilizing a centrifugal impeller with an electric motor instead of using filters, thus the separation of particular dust, mist can be absolutely eliminated from air with the difference of specific gravity between gas and pollution liquid under centrifugal force. An wet type air cleaner utilizing a centrifugal impeller comprising: protection grill (400) and water tank (401) located on an inlet pipe (405), an electric motor (433) with a centrifugal impeller (408) and a bearing (434) located inside of centrifugal cleaner (407), a drain trap (441) and humidity controller (442) installed on an exit pipe (432) etc. Therefore centrifugal wet type air cleaner make fresh air efficiently to be carried out by centrifugal force without using filters in the field of home, office, passenger car, dust place like cement factory, machine center, exhaust gas cleaner for an industrial burner and an internal combustion engine.



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